

Under the
control num

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

control number.			
Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/550,955
		Filing Date	04/17/2000
		First Named Inventor	James Xanthos et al.
		Art Unit	2685
		Examiner Name	R. Ward
		Attorney Docket Number	2506-005
Sheet	1	of	2

[illegible][illegible]

Examiner Signature	<i>Glenn W. Wand</i>	Date Considered	3/17/03
-----------------------	----------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

English language translation is attached.

Turned Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Required to respond to a collection of information unless it contains a valid OMB

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

control number.			
Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/550,955
		Filing Date	04/17/2000
		First Named Inventor	James Xanthos et al.
		Group Art Unit	2685
		Examiner Name	R. Ward
(use as many sheets as necessary)		Attorney Docket Number	2506-005
Sheet	2	of	2

[illegible]

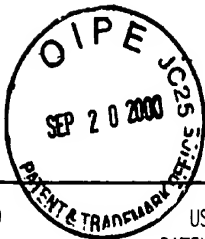
RECEIVED
FEB 11 2003
Technology Center 2600

Examiner Signature	<i>Mark J. Ward</i>	Date Considered	3/17/03
-----------------------	---------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

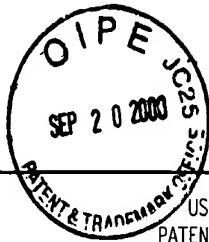
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO.2506-005		APPLICATION NO. 09/556,955	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos <i>et al.</i>			
				FILING DATE 04/17/00		GROUP 1723	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>mw</i>	1	5.557.748	09/1996	Norris	395	200.10	
	2	5.657.450	08/1997	Roa <i>et al.</i>	395	610	
	3	5.796.952	08/1998	Davis <i>et al.</i>	395	200.54	
	4	5.842.224	11/1998	Fenner	711	202	
	5	5.884.244	03/1999	Phaal	702	186	
	6	5.928.306	07/1999	France <i>et al.</i>	701	207	
	7	5.959.577	09/1999	Fan <i>et al.</i>	342	357.13	
	8	5.987.320	11/1999	Bobick	455	423	
	9	6.003.079	12/1999	Friedrich <i>et al.</i>	709	224	
	10	6.006.260	12/1999	Barrick, Jr. <i>et al.</i>	709	224	
	11	6.012.096	1/2000	Link <i>et al.</i>	709	233	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>✓</i>	12	ascom "Qvoice"	Brochure				
EXAMINER <i>Thomas J. Ward</i>					DATE CONSIDERED <i>3/17/03</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Form PTO-1449 (REV. 8-83)		U.S. Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 2506-005		APPLICATION NO. 09/550,555	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos et al.			
				FILING DATE 04/17/00		GROUP 172	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
mw	13	TEMS™ Investigation	web pages found at http://www.ericsson.com/wireless/products/tems/invest/index.shtml ✓				
		3/28/00					
mw	14	Nemo Technologies	TOM (Tool for Outdoor Measurement Version 1.0) Product description V.1.0 ✓				
mw	15	Safeco Voice Print	Brochure and web pages found at http://www.safeco.com/measurement/voiceprint.html ✓				
		3/22/00					
mw	16	cwt baseLINE and workBENCH	web pages found at http://www.comarco.com/html/fm_highlights.htm ✓				
		3/17/00					
mw	17	GRAYSON WIRELESS	web pages found at http://www.grayson.com/surveyor.html ✓				
		3/22/00					
mw	18	CELLTEST	"Field Test Solutions" brochure ✓				
mw	19	Ameritech Corp. SWARM brochure	web pages found at http://www.ameritec.com/databank/products/product_SWARM.html ✓				
		12/17/99					
EXAMINER <i>Ronald J. Putnam</i>						DATE CONSIDERED 3/17/03	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET No. 2506-005		APPLICATION NO. 09/550,955	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos <i>et al.</i>			
				FILING DATE 04/17/00		GROUP 17	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
mw	20	Neopoint DataLogger-DV™	brochure ✓				
mw	21	Qualcomm's Retriever™ Pilot Scanner and Test Phone	brochure 1/1999 ✓				
mw	22	Qualcomm's QCTest™ CAIT CDMA Air Interface Tester	brochure 8/1999 ✓				
mw	23	Agilent "Test & Measurement"	web page found at http://www.tm.agilent.com/Products/English/DriveTestandMappingSystems.html ✓				
		3/28/00					
EXAMINER Bonnie J. Ward						DATE CONSIDERED 3/17/03	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							